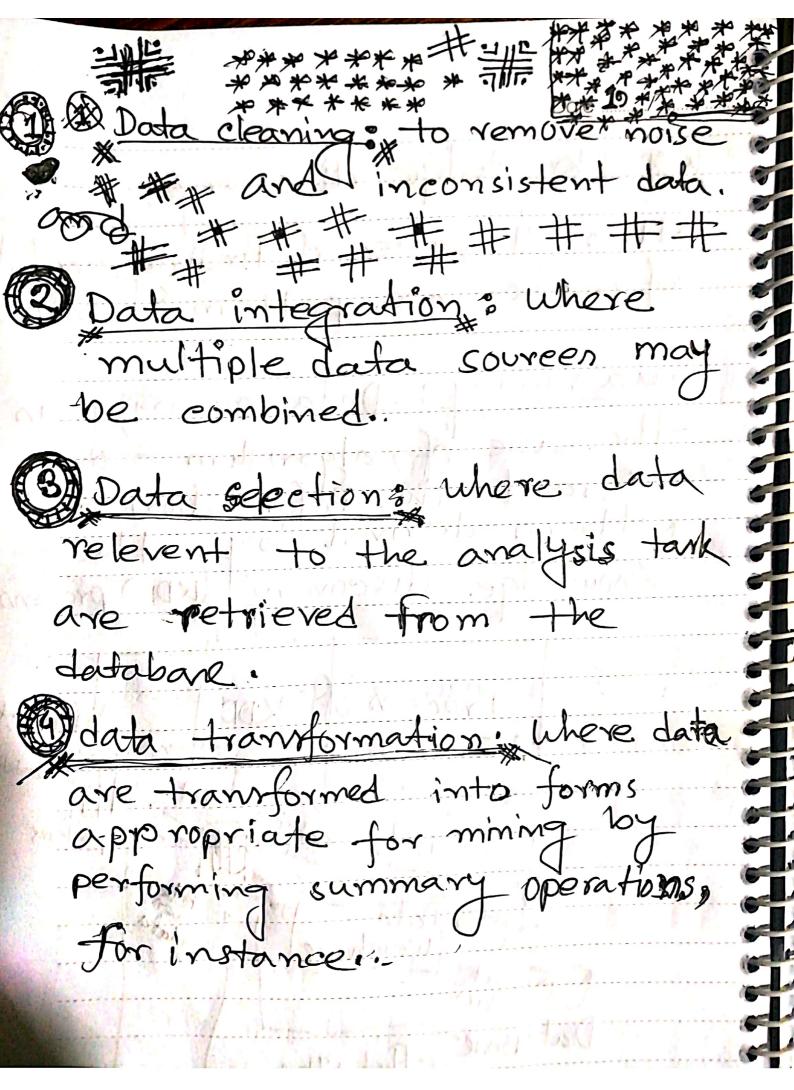
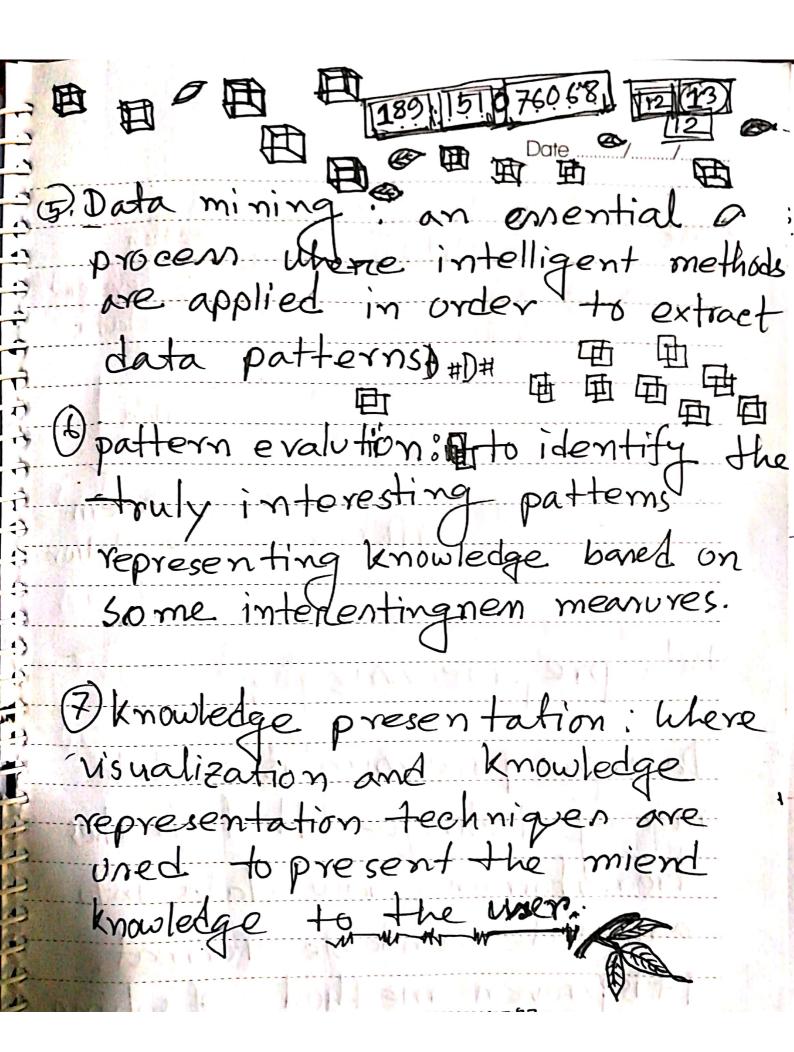


7	Date/
	Dole
د	KDD: Knowledge discovery:
4	m/m/
3	KDD in the process of finding useful information and pattern in data.
4	intermediate and a literature
7	my data pattern in data.
7	110.00 1 000000 10000000000000000000000
	Dosta mining: Data mining la
7)-	
7	the use of algorithm to
7	extract the information and pattern derived by the
<u>_</u>	pattern derived by the
-3	Knowledge discovery (KDD) procens.
- <del>)</del> -	11. Marie 3
3	25 1/2 1/2 5/-
1)	Process of KDD Water Known
	Presentation of the presen
7	Dago _ 111 h
-:)	Glection Printing Parterns
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·)-	tomer
7).	cleaning Data were have 1 data
3	Total Intel
-	Thom I
7	DataBare   - flat files
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Database Data warehoure -> Revening de data Duta Pattern MDDWledge evalution Data preprocerming Data pre-processing is a data mining technique that invokes 1 transforming raw data into 3 an understandable format. In 1 itisproven method of solving ( p) such incomplete data, inconsistent or lacking in certain behaviors and in

likely to contain many errors steps during pre-processing. 1. Data cleaning: Data in cleansed through procennes such an tilling in missing values, smoothing the moisy data, resolving the Inconsistencies in the data. 20 Data integration: Data with different representations are put together and conflicts within the data are resolved. Pata tronnformation: Data in normalized, aggregated and generalized.

Data Reduction: This step ains to present a reduced representation of the data in à deuta warehoure. + Data Discretization: Involves the reduction of a number I values of a continuous attribute by dividing the range of attribute internals. THE LOCATION OF THE STUDY

7	Date/
1	. Data Normalization: Normalization is
3	used to seale the data of an
3	attribute so that it falls in a
3	smaller range, such as - 1.0 to 4.0 or
3	0.0 to 1.0. It in generally uneful for
7	clannification algorithms.
7	And Should Dr. Maril Borg W. Warrell of
7	Methods of Data Normalization:
3	
	Decimal scaling: It normalized by moving the decimal point of values of
	moving the decimal point of values of
9	the data. To normalize the data by
9	This technique, we divide each value of the data by the maximum absolute
<b>)</b>	the data by the maximum absolute
9	value of data. $V_i = \frac{V_i}{10^{\frac{1}{3}}}$
3	$Vi = \overline{10}$
1	where j in the smallest integer such that max (Ivi'l) <1.
1	max ( Ivi'l) <1.
9	
7).	# Min-Max Normalization "Linear
2	-transformation is performed on the
カカ	original data. Minimum and maximum
1	value from data in fetched and
2	each value is replaced according to the following fromula
カカ	to the Jonoung Tromula
_	

 $V' = \frac{V - \min(A)}{\max(A) - \min(A)} \left( \frac{\max(A) - \max(A) - \min(A)}{\max(A) - \min(A)} \right) + \frac{1}{\max(A) - \min(A)}$ # Ziscore normalization: In this technique, values are normalized based on mean and Standard deviation of the data A. The formula used is: A= mean, A = Standard deviation Serial : Meltosilamon Mas May 119 H

where use normalization: 1) Data reduction. (1) Data transformation. UIt in used to handle huge amount of data, while working with huge volume of data, analysis became harder in such cares. In order to get rid of this, we unen data reduction technique. It aims to increase. The storage efficiency and reduce data storage and analysis cont. 1) Data cube Aggregation. (4) Attribute subset selection. (M) Numerosity Reduction.
(W) Dimensionality Reduction. V Data compression.

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Data transformation in the process of converting data or Information from ohe format to another Data mapping. 1) code breneration. and a size with the size of the Marin Paring and a mind of CANTES STATES STATES